## What is claimed is:

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- 1. A hydro bushing for radially supporting a motor, the hydro bushing comprising:
  - a sleeve-shaped outer body;

an inner support body spaced radially from said outer body;

- a spring body having two legs and being disposed between said outer body and said support body;
- a volume-changeable work chamber disposed between said legs of said spring body;

said volume-changeable work chamber being delimited to the outside by said sleeve-shaped outer body;

at least one compensating chamber disposed laterally of said work chamber and having an elastic wall;

a transfer channel interconnecting said work chamber and said compensating chamber;

said chambers and said channel being filled with a low-viscous hydraulic fluid;

said work chamber having an effective cross-sectional area  $(A_1)$  and said spring body having a dynamic swell stiffness; said transfer channel having a length (L) and a

20 cross-sectional area  $(A_2)$ ; and,

said cross-sectional  $(A_1)$ , said dynamic swell stiffness, said length (L) and said cross-sectional area  $(A_2)$  all being so selected that said hydro bushing has a natural or resonant frequency of approximately 130 Hz.

2. The hydro bushing of claim 1, wherein said compensating chamber is a first compensating chamber on one side of said work chamber and said hydro bushing further comprises a second

compensating chamber on the other side of said work chamber; and, a connecting channel connecting said compensating channels to each other.

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- 3. The hydro bushing of claim 1, wherein the ratio of the effective cross-sectional area  $(A_1)$  of said work chamber to the cross-sectional area  $(A_2)$  of said transfer channel lies in a range of 0.1 to 10.
- 4. The hydro bushing of claim 1, wherein the ratio  $(A_1:A_2)$  of said cross-sectional areas  $(A_1$  and  $A_2)$  is approximately 2.2.
- 5. The hydro bushing of claim 1, wherein the ratio of said length (L) of said transfer channel to said cross-sectional area  $(A_2)$  of said transfer channel lies in a range of 0.1 to 4.0.
- 6. The hydro bushing of claim 1, wherein the ratio of said length (L) of said transfer channel to said area ( $A_2$ ) of said transfer channel is approximately 1.5.
- 7. The hydro bushing of claim 1, wherein said cross-sectional area  $(A_1)$  of said work chamber includes a constriction.
- 8. The hydro bushing of claim 1, wherein the volume of said work chamber and the volume of said transfer channel define a ratio of 0.1 to 4.0.
- 9. The hydro bushing of claim 1, wherein the volume ratio of said work chamber and said transfer channel is between 1.0 and 3.0.